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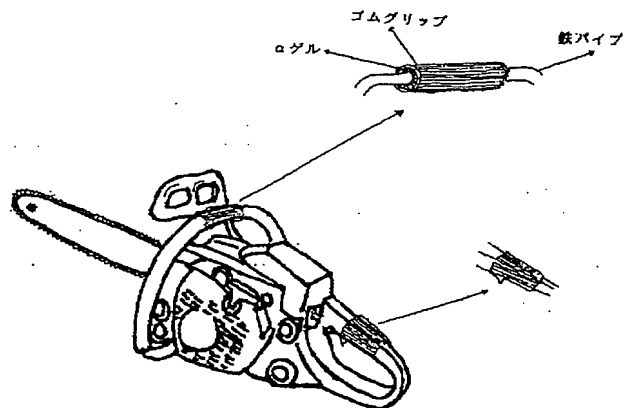
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(54) 【発明の名称】 振動・衝撃除去グリップ

(57) 【要約】

【課題】チェーンソー・タンバ・さく岩機の振動・衝撃、電動カンナ等による振動を直接手に伝わりにくくする。

【解決手段】機械を操作するハンドルの把持部に $\alpha$ ゲルを介在させて、グリップ本体を装着したことを特徴とする振動・衝撃除去グリップ。



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- TI - Damper handle for handheld power tools e.g. chain saw, drill - has layer of alpha-gel interposed between machine member and outer gripping sheath
- AB - J10191745 The handle has a vibration absorbing medium. Alpha-gel compound is interposed as an intermediate layer between the machine member and the outer gripping sheath held by the machine user.
- ADVANTAGE - Absorbs and suppresses vibrations and impact. Helps prevention of disease to long time operators.
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**DETAILED DESCRIPTION**

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**[Detailed Description of the Invention]**

Vibration and the shock removal grip characterized by having made alpha gel placed between the grasping sections of a handle which operate a machine, and equipping with a grip main part.

[The technical field to which invention belongs] this invention is the grip it was made not to get across to a hand with the vibration and the shock from chain-saw Tampa, a rock borer, and an electric canna saw.

[Description of the Prior Art] The "Raynaud's disease" started to the chain-saw user of forestry has spread to the user of oscillating tools, such as a chain saw and a rock borer. It started to the chain-saw user of forestry in the Showa 30s. It is also called an oscillating disease. The disease by the trouble caused by vibration produced by using a vibrator implement for a long time is said. the central nervous system (cementation, ache and withering) obstacle (\*\*\*\*\*, headache and forgetfulness, sleep obstacle) bone joint obstacle (wrist, elbow, and shoulder) acoustic sense of the muscular obstacle according [ the main symptom ] to an erase-function obstacle (forearm consciousness \*\*\*\* and decreased-skin-temperature - stiffening -- etc. -- a lei no phenomenon), and a front garden -- the obstacle of a functional disorder (giddiness and tinnitus) arises [ of a finger ] The liaison council for the trouble-caused-by-vibration prevention of three ministries of a forest-for-public-welfare field and labor is established in Showa 51. The stock power tool in the construction industry, a manufacture, etc. has spread especially recently. the portion which grasps the portion of the stock of these machines by the main part of a machine and the hand is united with the machine -- it seems that it is merely easy to grasp -- \*\* -- although covered with rubber, vibration gets across to a hand as it is

[Problem(s) to be Solved by the Invention] Since chain-saw Tampa, the rock borer, etc. are using the engine, when stepping on and hardening the vibration, ballast, etc. when cutting engine vibration and a tree, the vibration and the shock when shaving the vibration of a motor and wood by the vibration and the shock when breaking - rock, the electric canna, etc. get across to a direct hand. If it is used by this for a long time, it will become the "Raynaud's disease" which happens by trouble caused by vibration.

[Means for Solving the Problem] Vibration and the shock removal grip characterized by having made alpha gel placed between the grasping sections of a handle which operate a machine, and equipping with a grip main part.

[Effect of the Invention] By winding alpha gel around the portion (grip) grasped by hand, and covering with conventional rubber from it, in order that alpha gel may absorb vibration, it becomes a cure against a Raynaud's disease.

[Embodiments of the Invention] Below, the operation gestalt of this invention is explained for a drawing, making it reference. The material and "alpha gel" which absorb vibration and a shock are used for this invention, and it is made not to get across to a hand with the vibration and the shock from - electric canna saws, such as chain-saw Tampa and a rock borer. alpha gel is used for the part of a grip on hand, and the vibration and the shock from a machine are absorbed.

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[Translation done.]

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## CLAIMS

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[Claim(s)]

Vibration and the shock removal grip which used alpha gel. [Claim 1]

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**DESCRIPTION OF DRAWINGS**

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[Brief Description of the Drawings]

[Drawing 1] It is explanatory drawing at the time of applying the grip of this invention to a chain saw.

[Drawing 2] It is explanatory drawing at the time of applying the grip of this invention to an oscillating plate.

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[Translation done.]